

875—62.1(88A) Purpose, scope and definitions. These rules establish minimum safety standards for the installation, repair, maintenance, use, operation and inspection of amusement parks, amusement rides and concession booths.

62.1(1) Definitions. The definitions and interpretations contained in Iowa Code section 88A.1 shall be applicable to such terms when used in this chapter.

“*Act*” means the Iowa amusement park and ride safety inspection and regulation Act of 1972 (Iowa Code chapter 88A).

“*Amusement park*” means a tract, structures, area and equipment, including electrical equipment used principally as a location for supporting amusement rides, amusement devices and concession booths.

“*Average adult passenger*” means, for purposes of design, a person weighing 170 pounds.

“*Average child passenger*” means, for purposes of design, a child weighing 75 pounds.

“*Containing device*” is a strap, belt, bar, gate or other safety device designed to prevent accidental or inadvertent dislodgement of a passenger from a ride or device but which does not actually provide physical support.

“*Factor of safety*” or “*safety factor*” means the ratio of the ultimate or breaking strength of a member or piece of material to the actual working stress or to the maximum permissible or safe load stress when in use.

“*Load design*” or “*design load*” means the load established by the design engineer or the commissioner for normal operation plus acceptable factors of safety. A device shall be designed to withstand static, dynamic, shock and wind loads.

“*Major alteration*” is a change in the type or capacity of an amusement ride or device or a change in the structure or mechanism that materially affects its function or operation. This includes but is not limited to changing its mode of transportation from nonwheeled to a truck or flat-bed mount, and changing its mode of assembly or other operational functions from manual to mechanical or hydraulic.

“*Major breakdown*” means a stoppage of operation from whatever cause resulting in damage, failure or breakage of a stress bearing part of a ride or device.

“*Rated capacity*” is a capacity established by the design engineer for the normal loading and operation of a ride or device, or in absence thereof, as established by the commissioner after inspection and determination.

“*Restraining device*” is a safety belt, harness chain, bar or other mechanism designed and utilized for physical support, retention or restraint to the passenger of a ride or device.

“*Ride operator*” is a person or persons causing the amusement ride or amusement device to go and stop or perform its entertaining function. A ride operator can be the operator’s employee.

“*Rope*,” “*wire rope*” and “*cable*” are interchangeable terms except where the term “fiber rope” is used.

“*Safety retainer*” is a secondary safety cable, bar, chain, attachment or other device designed to prevent parts of a ride or device from becoming disengaged from the main mechanism or from tipping or tilting in a manner to cause injury to persons riding on or in the vicinity of a ride or device.

62.1(2) Specific classes of amusement rides.

a. “*Major ride*” is a device designed to carry a specific maximum number of passengers, adults or children, either by power or gravity in cars or other suitable fixtures for conveying persons.

b. “*Kiddie ride*” is a device designed primarily for use by children but which may accommodate adults.

c. “*New ride*” means a ride or device for which a permit has not been issued by the commissioner for operation in the state, a newly purchased ride, a ride or device that has undergone major alteration, or any other ride or device upon change of title or ownership.

62.1(3) Inspections.

a. “*Annual inspection*” is the official inspection of a ride or device made by the commissioner or authorized representative.

b. “*Reinspection*” is an inspection, other than the annual inspection made during the year, of a ride or device as a result of a major breakdown, major alteration, or for any cause which may be deemed necessary by the commissioner.